

Spicer® Single Reduction Heavy-Duty Tandem Drive Axles



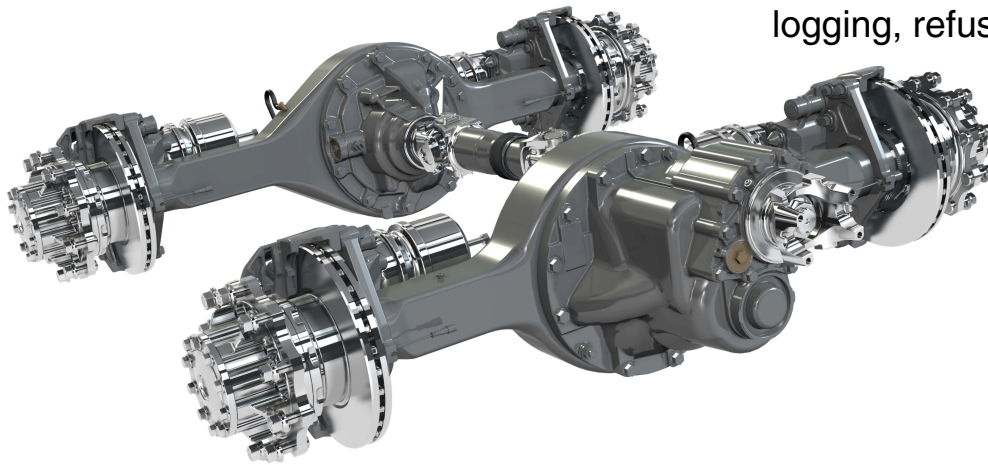
SPICER®

Drivetrain Systems

D170 Series

The family of heavy-duty tandems for applications up to 133 Tonnes GCM*

The new D170 Series tandems are ideal for construction, linehaul, logging, refuse, and B double applications.



FEATURES	BENEFITS
Ratio coverage from 3.07 through 7.17:1.	Broad ratio coverage allows maximum flexibility.
Extra wide face-width gearing.	Greater strength for added durability.
High capacity gearing and bearing system.	Durability and reliability with higher horsepower/torque engines.
Forged, heat-treated steel differential cases.	Stronger for increased gear and bearing life.
16 large, fine-pitch, M20 bolt ring gear fasteners.	High clamp load for reliable performance.
Integrated ring gear and wheel differential mounting system.	Eliminates bolted joint for improved reliability.
Large wheel differential gearing.	Maximum strength, higher power density.
Integral pinion cage and carrier.	Added strength and eliminates a leak path.
Best-in-class interaxle driveline angles.	Reduces driveline torsionals for less vibration and wear.

*F33 tonnes only available with written application from Dana

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Specifications:

MODEL	GAWR (kg)	NOMINAL GCM (kg)*	RATIOS
D46-170	20,800	110,000	3.07, 3.21, 3.42, 3.58, 3.73, 3.91, 4.10, 4.30, 4.56, 4.78, 5.25, 5.38, 5.57, 6.14,
D50-170	22,600	131,000	6.83, 7.17

*Varies with application.

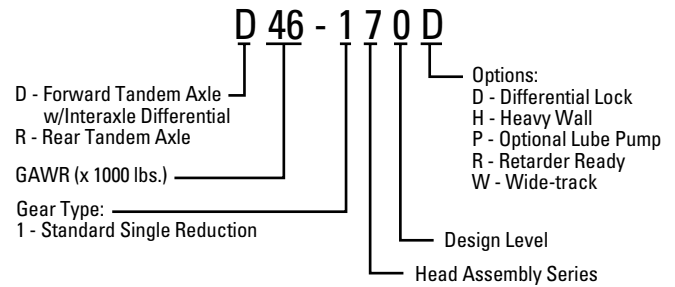
Commonly stocked ratios

Applications require Spicer Heavy Axle & Brake Division Engineering approvals.

A full range of available options for optimal operation and durability with less required maintenance.

- Driver-controlled wheel differential lock for maximum traction. Available on both forward and rear axle.
- Patented axle breather design allows unrestricted air flow – a no maintenance feature.
- Integral welded suspension brackets for increased strength and durability.
- Standard lube pump does not require external filters or filter changes.
- Wheel differential lock feature can be field retrofitted through the life of the vehicle.

Nomenclature:



Extra wide face-width gearing provides greater strength for increased durability at higher loads.



Larger wheel differential gearing means maximum strength and reliability over previous models.



Patented, on-demand lube pump for optimal spin-out protection without the added heat.

For spec'ing or service assistance, call (03) 9213-5555 or visit our website at www.dana.com.au

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